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Application No. <u>09938114</u>	Prepared by <u>RF</u>	Tracking Number <u>59436</u>	
Examiner-GAU <u>WAX-1633</u>	Date <u>3-1-04</u>	Week Date <u>3-1-04</u>	
	No. of queries <u>1</u>	<u>IFW</u>	

### JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

### SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

### MESSAGE

PTO-1449: PLEASE INITIAL  
OR line through CITATIONS.

### CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
- f. Punctuation
- g. Amendments
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- k. Other

THANK YOU  
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### RESPONSE

initials

APR 22 2004

IIN RCE-1600

PTO/SB/30 (09-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



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# Request for Continued Examination (RCE) Transmittal

Address to:  
Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Application Number	09/938,114
Filing Date	August 23, 2001
First Named Inventor	Chun Wang
Art Unit	1653
Examiner Name	Rita Mitra
Confirmation Number	1975
Attorney Docket Number	54567.8001.US01

This is a Request for Continued Examination (RCE) under 37 C.F.R. 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant applications filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

## 1. Submission required under 37 C.F.R. § 1.114

- a. ☐ Previously submitted
- i. ☐ Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on  
(Any unentered amendment(s) referred to above will be entered).
- ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on
- iii. ☐ Other
- b. Enclosed
- i. ☐ Amendment/Reply
- ii. ☐ Affidavit(s)/Declaration(s)
- iii. ☒ Information Disclosure Statement (IDS)
- iv. ☐ Other

## 2. Miscellaneous

- a. ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. 1.103(c) for a period of \_\_\_\_\_ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. 1.17(i) required)
- b. ☐ Other

## 3. Fees The RCE fee under 37 C.F.R. 1.17(e) is required by 37 C.F.R. 1.114 when the RCE is filed.

- a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to  
Deposit Account No. 50-2586
- i. ☒ RCE fee required under 37 C.F.R. 1.17(e) 04/23/2004 MAHMD1 00000111 502586 09938114
- ii. ☐ Extension of time fee (37 C.F.R. 1.136 and 1.17) 01 FC:2801 385.00 DA
- iii. ☐ Other
- b. ☐ Check in the amount of \$ \_\_\_\_\_ enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

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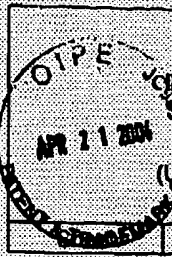
Name (Print /Type)	Michael J. Wise	Registration No. (Attorney/Agent)	34,047
Signature		Date	April 21, 2004

## CERTIFICATE OF MAILING OR TRANSMISSION

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Signature			

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO-1449 (Modified) (Use several sheets if necessary)			<b>COMPLETE IF KNOWN</b>	
			Application Number	09/938,114
			Confirmation Number	1875
			Filing Date	August 23, 2001
			First Named Inventor	Chun Wang
			Group Art Unit	1853
Examiner Name	Rita Mera			
Attorney Docket No.	54587.8001.US01			

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	AA	4,017,012		Brock	4/1977	
	AB	5,066,592		Huang et al.	11/1991	
	AC	5,071,773		Evans et al.	12/1991	
	AD	5,196,403		Maraganore et al.	3/1993	
	AE	5,242,810		Maraganore et al.	9/1993	
	AF	5,342,830		Scarborough	8/1994	
	AG	5,344,783		Scarborough et al.	9/1994	
	AH	5,453,370		Triplett et al.	9/1995	
	AI	5,523,292		Schwartz et al.	6/1996	
	AJ	5,686,571		Scarborough et al.	11/1997	
	AK	5,733,738		Niman	3/1998	
	AL	6,489,451		Li et al.	12/2002	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office	NUMBER	Kind Code (if known)			
	AM	CN	92102645.5			10/1982	
	AN	WO	89/04489		Niman	5/1989	
	AO	WO	91/12258		Mangelsdorf et al.	8/1991	
	AP	WO	93/09236		Schwartz et al.	5/1993	

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	AQ	Atoda et al. Blood Coagulation Factor IX-Binding Protein from the Venom of Trimeresurus flavoviridis: Purification and Characterization. J. Biochem. 118(5): 965-973, 1995.	
	AR	Robyt, J.F. "Biochemical Techniques: Theory and Practice", Waveland Press, Prospect Heights, IL, 1987 p. 300.	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**Form PTO-1449 (Modified)  
Use several sheets if necessary)

2 of 4

**COMPLETE IF KNOWN**

Application Number	09/838,114
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First Named Inventor	Chun Wang
Group Art Unit	1653
Examiner Name	Rita Mitra
Attorney Docket No.	54567.8001.US01

**OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS**

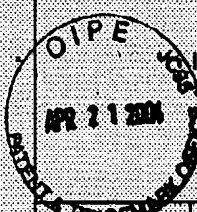
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	AS	Bajwa et al., "Fibrinolytic enzyme(s) in western diamond-back rattlesnake ( <i>crotalus atrox</i> ) venom." <i>Toxicon</i> 18:285-290 (1980).	
	AT	Bayer et al., "The Avidin-Biotin Complex in Affinity Cytochemistry," <i>Methods in Enzymology</i> 62:308-319 (1979).	
	AU	Bullock et al., "Techniques in Immunocytochemistry," Academic Press, Orlando, FL: vol. 1(1982), vol. 2(1983), vol. 3(1985) (Table to Contents Only).	
	AV	Campbell, <i>Monoclonal Antibody Technology: Laboratory Techniques in Biochemistry and Molecular Biology</i> , vol. 13, Elsevier Science Publishers, Amsterdam, The Netherlands (1984) (Table of Contents Only).	
	AW	Capecchi, "High Efficiency Transformation by Direct Microinjection of DNA into Cultured Mammalian Cells," <i>Cell</i> 22:479-488 (1980).	
	AX	Chard, <i>An Introduction to Radioimmunoassay and Related Techniques</i> , Elsevier Science Publishers, Amsterdam, The Netherlands (1988) (Table of Contents Only).	
	AY	Chen and Okayama, "High-Efficiency Transformation of Mammalian Cells by Plasmid DNA", <i>Molecular and Cellular Biology</i> 7(8):2745-2752 (1987).	
	AZ	Chu et al., "Electroporation for the efficient transfection of mammalian cells with DNA," <i>Nucleic Acids Research</i> 15:1311-1326 (1987).	
	BA	Curiel et al., "Gene Transfer to Respiratory Epithelial Cells via the Receptor-mediated Endocytosis Pathway," <i>Am. J. Respir. Cell. Mol. Biol.</i> 6:247-252 (1992).	
	BB	Dreborg et al., "Ch. 10-The chemistry and standardization of allergens," in <i>Handbook of Experimental Immunology-vol. 1: Immunochemistry</i> , 4 <sup>th</sup> Ed., edited by Weir et al., Blackwell Scientific Publications, Oxford, England, pp.10.1-10.28 (1986).	
	BC	Engvall and Perlmann, "Enzyme-Linked Immunosorbent Assay, ELISA, III. Quantitation of Specific Antibodies by Enzyme-Labeled Anti-Immunoglobulin in Antigen-Coated Tubes," <i>J. Immunology</i> 109:129-135 (1972).	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

LA041110.006

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				Confirmation Number	1975
				Filing Date	August 23, 2001
				First Named Inventor	Chun Wang
				Group Art Unit	1653
			Examiner Name	Rita Mitra	
			Attorney Docket No.	54587.8001.US01	

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.		
	BD	Felgner and Ringold, "Cationic liposome-mediated transfection," <i>Nature</i> , 337:387-388 (1989).		
	BE	Felgner et al., "Lipofection: A Highly Efficient, Lipid-mediated DNA-transfection Procedure," <i>Proc. Natl. Acad. Sci. USA</i> 84:7413-7417 (1987).		
	BF	Ferrari et al., "An in Vivo Model of Somatic Cell Gene Therapy for Human Severe Combined Immunodeficiency," <i>Science</i> 251:1363-1366 (1991).		
	BG	Fingl and Woodbury, "Chapter 1 - General Principles," in <i>The Pharmacological Basis of Therapeutics</i> 5 <sup>th</sup> edition, Goodman and Gilman editors, MacMillan Publishing Co., Inc., New York, pp. 1-46 (1975).		
	BH	Gennaro (editor), <i>Remington's Pharmaceutical Sciences</i> (1990) (Table of Contents Only).		
	BI	Goding, "Conjugation of Antibodies with Fluorochromes: Modifications to the Standard Methods," <i>J. Immunological Methods</i> 13:215-226 (1976).		
	BJ	Hurby et al., "Applications of Synthetic Peptides: Antisense Peptides," in <i>Synthetic Peptides: A User's Guide</i> , edited by Gregory A. Grant, W.H. Freeman, NY, pp. 289-307 (1992).		
	BK	Kasprzak et al., "Location of a Contract Site Between Actin and Myosin in the Three-Dimensional Structure of the Acto-S1 Complex," <i>Biochemistry</i> 28:9230-9238 (1989).		
	BL	Laemmli, "Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4," <i>Nature</i> 227:680-686 (1970).		
	BM	Lutz et al., "The Distribution of Two hnRNP-Associated Proteins Defined by a Monoclonal Antibody is Altered in Heat-Shocked HeLa Cells," <i>Experimental Cell Research</i> 175:109-124 (1988).		
	BN	Matsuzaki et al., "cDNA cloning of IX/X-PB, a heterogeneous two-chain anticoagulant protein from snake venom," <i>Biochem. Biophys. Res. Com.</i> 220(2):382-387 (1996).		

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4 of 4

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Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	BO	Miller, "Human Gene Therapy Comes of Age," <i>Nature</i> 357:455-460 (1992).	
	BP	Monta et al., "Structure and functions of coagulation factor IX/factor x-binding protein isolated from the venom of <i>Trimeresurus flavoviridis</i> ," <i>Natural Toxins II</i> pp. 187-196 (1996).	
	BQ	Mulligan, "The Basic Science of Gene Therapy," <i>Science</i> 260:926-932 (1993).	
	BR	St. Groth and Scheidegger, "Production of Monoclonal Antibodies: Strategy and Tactics," <i>J. Immunol. Methods</i> 35:1-21 (1980).	
	BS	Stemberger et al., "The Unlabeled Antibody Enzyme Method of Immunohistochemistry: Preparation and Properties of Soluble Antigen-Antibody Complex (Horseradish Peroxidase-Antihorseradish Peroxidase) and its Use in Identification of Spirochetes," <i>J. Histochemistry and Cytochemistry</i> 18(5):315-333 (1970).	
	BT	Tijssen, <i>Practice and Theory of Enzyme Immunoassays: Laboratory Techniques in Biochemistry and Molecular Biology</i> , vol. 15 Elsevier Science Publishers, Amsterdam, The Netherlands (1985) (Table of Contents Only).	
	BU	Wilchek and Jakoby, "The Literature on Affinity Chromatography," <i>Methods in Enzymology</i> 34:3-10 (1974).	
	BV	Yang et al., "In Vivo and In Vitro Gene Transfer to Mammalian Somatic Cells by Particle Bombardment," <i>Proc. Natl. Acad. Sci. USA</i> 87:9568-9572 (1990).	
	BW	"Preparation and study of anti-thrombus enzymes No. 1, 2 and 3," <i>Journal of the Medical Univ. of China</i> (1989).	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	